Applicant: Hossain et al.
Serial No.: To Be Assigned
Filed: Herewith

Page : 3 of 41

### Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

# Listing of Claims:

### 1. (Original) A compound of formula

$$(R^{1})_{m} \xrightarrow{X-Y} (CH_{2})_{q} \xrightarrow{R} \xrightarrow{R^{4}} R^{6} \xrightarrow{R^{7}} O \xrightarrow{R^{3}} (R^{9})_{t}$$

$$(R^{2})_{n} (R^{2})_{n} (I)$$

wherein

m is 0, 1, 2, 3 or 4;

each  $R^1$  independently represents halogen, cyano, hydroxyl,  $C_1$ - $C_6$  alkyl,  $C_1$ - $C_6$  haloalkyl,  $C_1$ - $C_6$  alkoxy or sulphonamido;

either X represents a bond,  $-CH_2$ -, -O- or -C(O)- and Y represents a bond,  $-CH_2$ -, -O- or -C(O)-, or X and Y together represent a group  $-CH=C(CH_3)$ - or  $-C(CH_3)=CH$ -, and Z represents a bond, -O-, -NH- or  $-CH_2$ -, provided that only one of X, Y and Z can represent a bond at any one time and provided that X and Y do not both simultaneously represent -O- or -C(O)-;

n is 0, 1 or 2; each  $R^2$  independently represents halogen or  $C_1$ - $C_6$  alkyl; q is 0 or 1;

Serial No.: To Be Assigned

Filed : Herewith Page : 4 of 41

 $R^3$  represents -NHC(O) $R^{10}$ , -C(O)N $R^{11}R^{12}$  or -COOR  $R^{12a}$ ;  $R^4$ ,  $R^5$ ,  $R^6$ ,  $R^7$  and  $R^8$  each independently represent a hydrogen atom or a  $C_1$ - $C_6$  alkyl group;

t is 0, 1 or 2;

each  $R^9$  independently represents halogen, cyano, hydroxyl, carboxyl,  $C_1$ - $C_6$  alkoxy,  $C_1$ - $C_6$  alkoxycarbonyl,  $C_1$ - $C_6$  haloalkyl, or  $C_1$ - $C_6$  alkyl optionally substituted by at least one substituent selected from carboxyl and  $C_1$ - $C_6$  alkoxycarbonyl;

R<sup>10</sup> represents a group C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>2</sub>-C<sub>6</sub> alkenyl, C<sub>3</sub>-C<sub>6</sub> cycloalkyl, adamantyl, C<sub>5</sub>-C<sub>6</sub> cycloalkenyl, phenyl or a saturated or unsaturated 5- to 10-membered heterocyclic ring system comprising at least one ring heteroatom selected from nitrogen, oxygen and sulphur, each of which may be optionally substituted by one or more substituents independently selected from nitro, hydroxyl, oxo, halogen, carboxyl, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy, C<sub>1</sub>-C<sub>6</sub> alkylthio, C<sub>1</sub>-C<sub>6</sub> alkylcarbonyl, C<sub>1</sub>-C<sub>6</sub> alkoxycarbonyl, phenyl and -NHC(O)-R<sup>13</sup>, or

R<sup>10</sup> represents a group -NR<sup>14</sup>R<sup>15</sup> or -O-R<sup>16</sup>;

 $R^{11}$  and  $R^{12}$  each independently represent (i) a hydrogen atom, (ii) a 3- to 6-membered saturated or unsaturated ring optionally comprising at least one ring heteroatom selected from nitrogen, oxygen and sulphur and optionally further comprising a bridging group, the ring being optionally substituted with at least one substituent selected from halogen, hydroxyl,  $C_1$ - $C_6$  alkyl,  $C_1$ - $C_6$  hydroxyalkyl and  $C_1$ - $C_6$  haloalkyl,

(iii) a  $C_1$ - $C_6$  alkyl group optionally substituted by at least one substituent selected from halogen, amino, hydroxyl,  $C_1$ - $C_6$  haloalkyl, carboxyl,  $C_1$ - $C_6$  alkoxy,  $C_1$ - $C_6$  alkoxycarbonyl,  $C_1$ - $C_6$  alkylcarbonylamino and a 3- to 6-membered saturated or unsaturated ring optionally comprising at least one ring heteroatom selected from nitrogen, oxygen and sulphur and optionally further comprising a bridging group, the ring being optionally substituted with at least one substituent selected from halogen, hydroxyl, oxo (=O),  $C_1$ - $C_6$  alkyl,  $C_1$ - $C_6$  hydroxyalkyl and  $C_1$ - $C_6$  haloalkyl, or (iv)  $C_1$ - $C_6$  alkylsulphonyl, or

Serial No.: To Be Assigned Filed: Herewith

Filed : Herewit Page : 5 of 41

R<sup>11</sup> and R<sup>12</sup> together with the nitrogen atom to which they are attached form a 4- to 7-membered saturated heterocyclic ring that optionally further comprises a ring nitrogen, oxygen or sulphur atom and that is optionally fused to a benzene ring to form a 8- to 11-membered ring system, the heterocyclic ring or ring system being optionally substituted with at least one substituent selected from halogen, hydroxyl, amido, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> hydroxyalkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy, C<sub>1</sub>-C<sub>6</sub> alkoxycarbonyl, C<sub>1</sub>-C<sub>6</sub> haloalkyl, C<sub>1</sub>-C<sub>6</sub> alkylamino, di-C<sub>1</sub>-C<sub>6</sub> alkylamino, C<sub>1</sub>-C<sub>6</sub> alkylaminocarbonyl, di-C<sub>1</sub>-C<sub>6</sub> alkylaminocarbonyl, phenyl, halophenyl, phenylcarbonyl, phenylcarbonyloxy and hydroxydiphenylmethyl;

R<sup>12a</sup> represents a hydrogen atom or a C<sub>1</sub>-C<sub>6</sub> alkyl group;

R<sup>13</sup> represents a C<sub>1</sub>-C<sub>6</sub> alkyl, amino or phenyl group;

 $R^{14}$  and  $R^{15}$  each independently represent a hydrogen atom, or a group  $C_1$ - $C_6$  alkyl,  $C_1$ - $C_6$  alkylsulphonyl, phenyl or a saturated or unsaturated 5- to 10-membered heterocyclic ring system comprising at least one ring heteroatom selected from nitrogen, oxygen and sulphur, each group being optionally substituted as defined above for  $R^{10}$ , or

R<sup>14</sup> and R<sup>15</sup> together with the nitrogen atom to which they are attached form a 4- to 7-membered saturated heterocyclic ring that optionally further comprises a ring nitrogen, oxygen or sulphur atom, the heterocyclic ring being optionally substituted by at least one hydroxyl; and

 $R^{16}$  represents a hydrogen atom, or a group  $C_1$ - $C_6$  alkyl, phenyl or a saturated or unsaturated 5- to 10-membered heterocyclic ring system comprising at least one ring heteroatom selected from nitrogen, oxygen and sulphur, each group being optionally substituted as defined above for  $R^{10}$ ;

or a pharmaceutically acceptable salt or solvate thereof.

2. (Original) A compound according to claim 1, wherein m is 0, 1, 2, 3 or 4;

Applicant: Hossain et al. Serial No.: To Be Assigned

Filed: Herewith Page: 6 of 41

each R<sup>1</sup> independently represents halogen, cyano, hydroxyl, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy or sulphonamido;

either X represents a bond,  $-CH_2$ -, -O- or -C(O)- and Y represents a bond,  $-CH_2$ -, -O- or -C(O)-, or X and Y together represent a group  $-CH=C(CH_3)$ - or  $-C(CH_3)=CH$ -, and Z represents a bond, -O-, -NH- or  $-CH_2$ -, provided that only one of X, Y and Z can represent a bond at any one time and provided that X and Y do not both simultaneously represent -O- or -C(O)-;

n is 0, 1 or 2; each  $R^2$  independently represents halogen or  $C_1$ - $C_6$  alkyl; q is 0 or 1;  $R^3 \text{ represents -NHC(O)}R^{10}, -C(O)NR^{11}R^{12} \text{ or -COOR}^{12a};$   $R^4, R^5, R^6, R^7 \text{ and } R^8 \text{ each independently represent a hydrogen atom or a } C_1$ - $C_6$  alkyl group;

t is 0, 1 or 2;

each  $R^9$  independently represents halogen, cyano, hydroxyl,  $C_1$ - $C_6$  alkoxy,  $C_1$ - $C_6$  haloalkyl, or  $C_1$ - $C_6$  alkyl optionally substituted by at least one substituent selected from carboxyl and  $C_1$ - $C_6$  alkoxycarbonyl;

 $R^{10}$  represents a group  $C_1$ - $C_6$  alkyl,  $C_2$ - $C_6$  alkenyl,  $C_3$ - $C_6$  cycloalkyl, adamantyl,  $C_5$ - $C_6$  cycloalkenyl, phenyl or a saturated or unsaturated 5- to 10-membered heterocyclic ring system comprising at least one ring heteroatom selected from nitrogen, oxygen and sulphur, each of which may be optionally substituted by one or more substituents independently selected from nitro, hydroxyl, oxo, halogen, carboxyl,  $C_1$ - $C_6$  alkyl,  $C_1$ - $C_6$  alkoxy,  $C_1$ - $C_6$  alkylthio,  $C_1$ - $C_6$  alkylcarbonyl,  $C_1$ - $C_6$  alkoxycarbonyl, phenyl and -NHC(O)- $R^{13}$ , or

R<sup>10</sup> represents a group -NR<sup>14</sup>R<sup>15</sup> or -O-R<sup>16</sup>;

R<sup>11</sup> and R<sup>12</sup> each independently represent (i) a hydrogen atom, (ii) a 3- to 6-membered saturated or unsaturated ring optionally comprising at least one ring heteroatom selected from

sain et al. Attorney's Docket No.: 06275-427US1 / 100684-1P US

Applicant: Hossain et al. Serial No.: To Be Assigned

Filed : Herewith Page : 7 of 41

nitrogen, oxygen and sulphur, the ring being optionally substituted with at least one substituent selected from halogen, methyl and trifluoromethyl, or

(iii) a C<sub>1</sub>-C<sub>6</sub> alkyl group optionally substituted by at least one substituent selected from halogen, amino, hydroxyl, trifluoromethyl, carboxyl, C<sub>1</sub>-C<sub>6</sub> alkoxycarbonyl and a 3- to 6-membered saturated or unsaturated ring optionally comprising at least one ring heteroatom selected from nitrogen, oxygen and sulphur, the ring being optionally substituted with at least one substituent selected from halogen, methyl and trifluoromethyl, or

 $R^{11}$  and  $R^{12}$  together with the nitrogen atom to which they are attached form a 4- to 7-membered saturated heterocyclic ring optionally further comprising a ring oxygen atom, the heterocyclic ring being optionally substituted with at least one substituent selected from hydroxyl and  $C_1$ - $C_6$  alkoxy;

R<sup>12a</sup> represents a hydrogen atom or a C<sub>1</sub>-C<sub>6</sub> alkyl group;

R<sup>13</sup> represents a C<sub>1</sub>-C<sub>6</sub> alkyl, amino or phenyl group;

 $R^{14}$  and  $R^{15}$  each independently represent a hydrogen atom, or a group  $C_1$ - $C_6$  alkyl, phenyl or a saturated or unsaturated 5- to 10-membered heterocyclic ring system comprising at least one ring heteroatom selected from nitrogen, oxygen and sulphur, each group being optionally substituted as defined above for  $R^{10}$ , or

R<sup>14</sup> and R<sup>15</sup> together with the nitrogen atom to which they are attached form a 4- to 7-membered saturated heterocycle; and

 $R^{16}$  represents a hydrogen atom, or a group  $C_1$ - $C_6$  alkyl, phenyl or a saturated or unsaturated 5- to 10-membered heterocyclic ring system comprising at least one ring heteroatom selected from nitrogen, oxygen and sulphur, each group being optionally substituted as defined above for  $R^{10}$ ;

or a pharmaceutically acceptable salt or solvate thereof.

Serial No.: To Be Assigned Filed: Herewith Page: 8 of 41

have the meanings shown in the following table:

3. (Currently amended) A compound according to claim 1-or claim 2, wherein X and Y

X	Y
bond	0
0	bond
CH <sub>2</sub>	bond
bond	CH <sub>2</sub>
CH <sub>2</sub>	0
О	CH <sub>2</sub>
C(O)	0
0	C(O)
CH <sub>2</sub>	CH <sub>2</sub>
-CH=C(CH <sub>3</sub> )-	

- 4. (Currently amended) A compound according to any one of claims 1 to 3 claim 1, wherein Z represents a bond, -O- or -CH<sub>2</sub>-.
- 5. (Currently amended) A compound according to any one of claims 1 to 4 claim 1, wherein R<sup>3</sup> represents -NHC(O)R<sup>10</sup> or -C(O)NR<sup>11</sup>R<sup>12</sup>.
- 6. (Currently amended) A compound according to any one of claims 1 to 5 claim 1, wherein t is 0, 1 or 2.
- 7. (Currently amended) A compound according to any one of claims 1 to 5 claim 1, wherein each  $R^9$  independently represents halogen, hydroxyl, carboxyl,  $C_1$ - $C_4$  alkoxy,  $C_1$ - $C_4$  alkoxycarbonyl,  $C_1$ - $C_4$  haloalkyl or  $C_1$ - $C_4$  alkyl.

Serial No.: To Be Assigned Filed: Herewith Page: 9 of 41

## 8. (Original) A compound according to claim 1 selected from:

N-(2-{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}phenyl)acetamide,

N-(2-{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-fluorophenyl)acetamide,

N-(2-{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-methoxyphenyl)acetamide,

N-(2-{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxyphenyl)acetamide,

 $N-[2-\{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]$ oxy $\}-5-(trifluoromethyl)$ phenyl]acetamide,

2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-N-cyclopropylbenzamide,

2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-*N*-cyclopropyl-4-fluorobenzamide,

2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-N-cyclopropyl-4-methoxybenzamide,

 $N-(2-\{[(2S)-3-(5-\text{Chloro-1'}H,3H-\text{spiro}[1-\text{benzofuran-2,4'-piperidin}]-1'-yl)-2-\text{hydroxy-2-methylpropyl}]$ oxy $\}-4-\text{hydroxyphenyl}$ acetamide trifluoroacetate,

N-(5-Chloro-2-{[(2S)-3-(6-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}phenyl)acetamide,

N-(2-{[(2S)-3-(6-Chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-fluorophenyl)acetamide,

N-(2-{[(2S)-3-(6-Chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}phenyl)acetamide,

Serial No. : To Be Assigned Filed : Herewith

Page : 10 of 41

N-(2-{[(2S)-3-(6-Chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-methoxyphenyl)acetamide,

2-{[(2S)-3-(6-Chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-N-cyclopropyl-4-fluorobenzamide,

N-(2{[(2S)-3-(5-Fluoro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-hydroxypropyl]phenyl)acetamide,

N-(4-Chloro-2-{[(2S)-2-hydroxy-3-(3-oxo-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)propyl]oxy}phenyl)acetamide,

N-Cyclopropyl-2-{[(2S)-2-hydroxy-3-(1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)propyl]oxy}benzamide,

N-(4-Chloro-2-{[(2S)-2-hydroxy-3-(1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)propyl]oxy}phenyl)acetamide,

N-(5-Chloro-2{[(2S)-2-hydroxy-3-(1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)propyl]oxy}phenyl)acetamide,

N-(2-{[(2S)-2-hydroxy-2-methyl-3-(1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)propyl]oxy}-4-methoxyphenyl)acetamide,

 $N-[2-\{[(2S)-2-Hydroxy-3-(1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)propyl]oxy\}-5-(trifluoromethyl)phenyl]acetamide,$ 

N-(2-{[(2S)-2-Hydroxy-3-(2-methyl-1'H-spiro[indene-1,4'-piperidin]-1'-yl)propyl]oxy}phenyl)acetamide,

N-(2-{[(2S)-3-(2,3-Dihydro-1'H-spiro[indene-1,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}phenyl)acetamide,

N-(2-{[(2S)-2-Hydroxy-3-(2-oxo-1'H-spiro[1-benzofuran-3,4'-piperidin]-1'-yl)propyl]oxy}phenyl)acetamide,

2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-*N*-cyclopropyl-4-hydroxybenzamide,

Serial No.: To Be Assigned

Filed: Herewith Page: 11 of 41

2-{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxy-2-methylpropyl]oxy}-N-cyclopropyl-4-hydroxybenzamide,

2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxy-2-methylpropyl]oxy}-4-hydroxy-*N*-methylbenzamide (trifluoroacetate),

2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxy]oxy}-4-hydroxy-*N*-methylbenzamide,

N-(2-{[(2S)-3-(5-Chloro-1'H-spiro[1,3-benzodioxole-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxyphenyl)acetamide trifluoroacetate,

N-(2-{[(2S)-3-(5-Chloro-1'H-spiro[1,3-benzodioxole-2,4'-piperidin]-1'-yl)-2-hydroxy-2-methylpropyl]oxy}-4-hydroxyphenyl)acetamide trifluoroacetate,

N-(4-Hydroxy-2-{[(2S)-2-hydroxy-3-(1'H-spiro[1,3-benzodioxole-2,4'-piperidin]-1'-yl)propyl]oxy}phenyl)acetamide trifluoroacetate,

N-(4-Hydroxy-2-{[(2S)-2-hydroxy-2-methyl-3-(1'H-spiro[1,3-benzodioxole-2,4'-piperidin]-1'-yl)propyl]oxy}phenyl)acetamide trifluoroacetate,

N-(2-{[(2S)-3-(5-Chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxyphenyl)acetamide,

 $N-(2-\{[(2S)-3-(5-Chloro-1)^2,3H-spiro[2-benzofuran-1,4]^2-piperidin]-1]^2-yl)-2-hydroxypropyl]oxy}$ phenyl)acetamide,

2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxy-*N*-methylbenzamide,

2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-hydroxy-2-methoxypropyl]oxy}-*N*-cyclopropyl-4-hydroxybenzamide,

2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxy-*N*-(2-hydroxyethyl)benzamide,

N-(2-Aminoethyl)-2-{](2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxybenzamide,

Applicant: Hossain et al. Serial No.: To Be Assigned

Filed: Herewith Page: 12 of 41

2-{[(2S)-3-(5-Fluoro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxy-*N*-methylbenzamide,

N-(2-{[(2S)-3-(5-Fluoro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxyphenyl)acetamide,

N-(2-{[(2S)-3-(5-Fluoro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}phenyl)acetamide,

 $N-[2-({(2S)-3[(2S)-5-Chloro-1'H,3H-spiro[1-benzofuran-2,3'-pyrrolidin]-1'-yl]-2-hydroxypropyl}oxy)$ phenyl]acetamide,

 $N-[2-({(2S)-3[(2R)-5-Chloro-1'H,3H-spiro[1-benzofuran-2,3'-pyrrolidin]-1'-yl]-2-hydroxypropyl}oxy)phenyl]acetamide,$ 

N-[2-({(2S)-3-[(2S)-5-Chloro-1'H,3H-spiro[1-benzofuran-2,3'-pyrrolidin]-1'-yl]-2-hydroxypropyl}oxy)-4-methoxyphenyl]acetamide,

 $N-[2-({(2S)-3-[(2R)-5-Chloro-1'}H,3H-spiro[1-benzofuran-2,3'-pyrrolidin]-1'-yl]-2-hydroxypropyl}oxy)-4-methoxyphenyl]acetamide,$ 

2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[1-benzofuran-2,3'-pyrrolidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxy-*N*-methylbenzamide,

2-{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxybenzoic acid (trifluoroacetate),

3(S)-1-(2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxybenzoyl)pyrrolidin-3-ol,

 $3(R)-1-(2-\{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy\}-4-hydroxybenzoyl)pyrrolidin-3-ol,$ 

3-{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-(morpholin-4-ylcarbonyl)phenol, and pharmaceutically acceptable salts and solvates of any one thereof.

Serial No.: To Be Assigned Filed : Herewith

: 13 of 41 Page

#### 9. (Original) A compound according to claim 1 selected from:

 $N-(2-\{[(2S)-3-(5-Chloro-1)^2,3H-spiro[1-benzofuran-2,4]^2-piperidin]-1]^2-yl)-2$ hydroxypropylloxy}phenyl)acetamide,

 $N-(2-\{[(2S)-3-(5-Chloro-1)^2,3H-spiro[1-benzofuran-2,4]^2-piperidin]-1]^2-v])-2$ hydroxypropyl]oxy}-4-fluorophenyl)acetamide,

 $N-(2-\{[(2S)-3-(5-Chloro-1)^2,3H-spiro[1-benzofuran-2,4]^2-piperidin]-1]^2-yl)-2$ hydroxypropyl]oxy}-4-methoxyphenyl)acetamide,

N-(2-{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-vl)-2hydroxypropyl]oxy}-4-hydroxyphenyl)acetamide,

 $N-[2-\{[(2S)-3-(5-Chloro-1)^2,3H-spiro[1-benzofuran-2,4]^2-piperidin]-1]^2-y])-2$ hydroxypropyl]oxy}-5-(trifluoromethyl)phenyl]acetamide,

2-{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-vl)-2hydroxypropyl]oxy}-N-cyclopropylbenzamide,

2-{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2hydroxypropyl]oxy}-N-cyclopropyl-4-fluorobenzamide,

2-{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-vl)-2hydroxypropyl]oxy}-N-cyclopropyl-4-methoxybenzamide,

 $N-(2-\{[(2S)-3-(5-\text{Chloro}-1'H,3H-\text{spiro}[1-\text{benzofuran}-2,4'-\text{piperidin}]-1'-yl)-2-\text{hydroxy}-2-\text{hydroxy}-2-\text{hydroxy}$ methylpropyl]oxy}-4-hydroxyphenyl)acetamide trifluoroacetate,

N-(5-Chloro-2-{[(2S)-3-(6-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-vl)-2hydroxypropyl]oxy}phenyl)acetamide,

 $N-(2-\{[(2S)-3-(6-Chloro-1)^2,3H-spiro[2-benzofuran-1,4)^2-piperidin]-1,2)-2$ hydroxypropylloxy}-4-fluorophenyl)acetamide,

 $N-(2-\{[(2S)-3-(6-Chloro-1)^2+3H-spiro[2-benzofuran-1,4]^2-piperidin]-1]^2-v])-2$ hydroxypropyl]oxy}phenyl)acetamide,

Serial No. : To Be Assigned Filed : Herewith

Page: 14 of 41

 $N-(2-\{[(2S)-3-(6-Chloro-1)^2H,3H-spiro[2-benzofuran-1,4)^2-piperidin]-1)^2-hydroxypropyl]oxy}-4-methoxyphenyl)acetamide,$ 

2-{[(2S)-3-(6-Chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-N-cyclopropyl-4-fluorobenzamide,

 $N-(2\{[(2S)-3-(5-Fluoro-1)^2H,3H-spiro[2-benzofuran-1,4]^2-piperidin]-1]^2-yl)-2-hydroxypropyl]phenyl)acetamide,$ 

*N*-(4-Chloro-2-{[(2S)-2-hydroxy-3-(3-oxo-1'*H*,3*H*-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)propyl]oxy}phenyl)acetamide,

N-Cyclopropyl-2-{[(2S)-2-hydroxy-3-(1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)propyl]oxy}benzamide,

N-(4-Chloro-2-{[(2S)-2-hydroxy-3-(1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)propyl]oxy}phenyl)acetamide,

N-(5-Chloro-2{[(2S)-2-hydroxy-3-(1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)propyl]oxy}phenyl)acetamide,

N-(2-{[(2S)-2-hydroxy-2-methyl-3-(1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)propyl]oxy}-4-methoxyphenyl)acetamide,

 $N-[2-\{[(2S)-2-Hydroxy-3-(1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)propyl]oxy\}-5-(trifluoromethyl)phenyl]acetamide,$ 

N-(2-{[(2S)-2-Hydroxy-3-(2-methyl-1'H-spiro[indene-1,4'-piperidin]-1'-yl)propyl]oxy}phenyl)acetamide,

N-(2-{[(2S)-3-(2,3-Dihydro-1'H-spiro[indene-1,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}phenyl)acetamide,

N-(2-{[(2S)-2-Hydroxy-3-(2-oxo-1'H-spiro[1-benzofuran-3,4'-piperidin]-1'-yl)propyl]oxy}phenyl)acetamide,

2-{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-N-cyclopropyl-4-hydroxybenzamide,

Serial No. : To Be Assigned

Filed: Herewith Page: 15 of 41

2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxy-2-methylpropyl]oxy}-*N*-cyclopropyl-4-hydroxybenzamide,

N-(4-hydroxy-2-{[(2S)-2-hydroxy-3-(1'H,4H-spiro[chromene-3,4'-piperidin]-1'-yl)propyl]oxy}phenyl)acetamide,

2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxy-2-methylpropyl]oxy}-4-hydroxy-*N*-methylbenzamide (trifluoroacetate),

2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxy]oxy}-4-hydroxy-*N*-methylbenzamide,

N-(2-{[(2S)-3-(5-Chloro-1'H-spiro[1,3-benzodioxole-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxyphenyl)acetamide trifluoroacetate,

 $N-(2-\{[(2S)-3-(5-Chloro-1'H-spiro[1,3-benzodioxole-2,4'-piperidin]-1'-yl)-2-hydroxy-2-methylpropyl]oxy\}-4-hydroxyphenyl)acetamide trifluoroacetate,$ 

*N*-(4-Hydroxy-2-{[(2S)-2-hydroxy-3-(1'*H*-spiro[1,3-benzodioxole-2,4'-piperidin]-1'-yl)propyl]oxy}phenyl)acetamide trifluoroacetate,

*N*-(4-Hydroxy-2-{[(2S)-2-hydroxy-2-methyl-3-(1'*H*-spiro[1,3-benzodioxole-2,4'-piperidin]-1'-yl)propyl]oxy}phenyl)acetamide trifluoroacetate,

N-(2-{[(2S)-3-(5-Chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxyphenyl)acetamide,

*N*-(2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}phenyl)acetamide,

2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxy-*N*-methylbenzamide,

2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-hydroxy-2-methoxypropyl]oxy}-*N*-cyclopropyl-4-hydroxybenzamide,

 $2-\{[(2S)-3-(5-Chloro-1)^2H,3H-spiro[1-benzofuran-2,4]-piperidin]-1]^2-yl\}-2-hydroxypropyl]oxy}-4-hydroxy-N-(2-hydroxyethyl)benzamide,$ 

Serial No. : To Be Assigned Filed : Herewith

Filed: Herewith Page: 16 of 41

N-(2-Aminoethyl)-2-{](2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxybenzamide,

2-{[(2S)-3-(5-Fluoro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-methylbenzamide,

N-(2-{[(2S)-3-(5-Fluoro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxyphenyl)acetamide,

N-(2-{[(2S)-3-(5-Fluoro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}phenyl)acetamide,

 $N-[2-({(2S)-3[(2S)-5-Chloro-1'H,3H-spiro[1-benzofuran-2,3'-pyrrolidin]-1'-yl]-2-hydroxypropyl}oxy)$ phenyl]acetamide,

 $N-[2-({(2S)-3[(2R)-5-Chloro-1'H,3H-spiro[1-benzofuran-2,3'-pyrrolidin]-1'-yl]-2-hydroxypropyl}oxy)phenyl]acetamide,$ 

N-[2-({(2S)-3-[(2S)-5-Chloro-1'H,3H-spiro[1-benzofuran-2,3'-pyrrolidin]-1'-yl]-2-hydroxypropyl}oxy)-4-methoxyphenyl]acetamide,

 $N-[2-({(2S)-3-[(2R)-5-Chloro-1'}H,3H-spiro[1-benzofuran-2,3'-pyrrolidin]-1'-yl]-2-hydroxypropyl}oxy)-4-methoxyphenyl]acetamide,$ 

2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[1-benzofuran-2,3'-pyrrolidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxy-*N*-methylbenzamide,

2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxybenzoic acid (trifluoroacetate),

 $3(S)-1-(2-\{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy\}-4-hydroxybenzoyl)pyrrolidin-3-ol,$ 

 $3(R)-1-(2-\{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy\}-4-hydroxybenzoyl)pyrrolidin-3-ol,$ 

3-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-(morpholin-4-ylcarbonyl)phenol,

Serial No. : To Be Assigned

Filed: Herewith Page: 17 of 41

2-{[(2S)-3-(5-chloro-1'H-spiro[1,3-benzodioxole-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-N-methylbenzamide trifluoroacetate,

*N*-(2-{[(2S)-3-(6-chloro-3,4-dihydro-1'H-spiro[chromene-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}phenyl)acetamide trifluoroacetate,

N-(2-{[(2S)-3-(6-chloro-3,4-dihydro-1'H-spiro[chromene-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-fluorophenyl)acetamide trifluoroacetate,

2-{[(2S)-3-(6-chloro-3,4-dihydro-1'H-spiro[chromene-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-N-methylbenzamide trifluoroacetate,

N-(2-{[(2S)-3-(6-chloro-3,4-dihydro-1'H-spiro[chromene-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxyphenyl)acetamide trifluoroacetate,

N-(2-{[(2S)-3-(6-chloro-3,4-dihydro-1'H-spiro[chromene-2,4'-piperidin]-1'-yl)-2-hydroxy-2-methylpropyl]oxy}-4-hydroxyphenyl)acetamide trifluoroacetate,

 $N-[2-({(2S)-3-[(2R)-5-chloro-1"; H,3H-spiro[1-benzofuran-2,3"-pyrrolidin]-1"-yl]-2-hydroxypropyl}oxy)-4-hydroxyphenyl]acetamide,$ 

 $N-[2-({(2S)-3-[(2S)-5-chloro-1''}H,3H-spiro[1-benzofuran-2,3'-pyrrolidin]-1'-yl]-2-hydroxypropyl}oxy)-4-hydroxyphenyl]acetamide,$ 

3-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-(pyrrolidin-1-ylcarbonyl)phenol,

1-(2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxybenzoyl)piperidin-4-ol,

(3S)-1-(2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}benzoyl)pyrrolidin-3-ol,

3-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-(piperidin-1-ylcarbonyl)phenol,

 $(3S)-1-(2-\{[(2S)-3-(5-Chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-hydroxypropyl] oxy\}-4-hydroxybenzoyl) pyrrolidin-3-ol,$ 

Serial No.: To Be Assigned Filed: Herewith

Filed: Herewith Page: 18 of 41

1-(2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxybenzoyl)piperidin-4-ol,

 $N-[4-Hydroxy-2-({(2S)-2-hydroxy-3-[5-(trifluoromethyl)-1'}H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl]propyl}oxy)phenyl]acetamide,$ 

(3S)-1-(2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxybenzoyl)pyrrolidin-3-ylbenzoate,

 $(3S)-1-(2-\{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy\}-4-fluorobenzoyl)pyrrolidin-3-ol,$ 

(3S)-1-[4-Hydroxy-2-({(2S)-2-hydroxy-3-[5-(trifluoromethyl)-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl]propyl}oxy)benzoyl]pyrrolidin-3-ol,

(3S)-1-(4-Fluoro-2-{[(2S)-2-hydroxy-3-(1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)propyl]oxy}benzoyl)pyrrolidin-3-ol,

4-Fluoro-2-{[(2S)-3-(5-fluoro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy} benzoic acid (hydrochloride),

(3S)-1-(4-Fluoro-2-{[(2S)-3-(5-fluoro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}benzoyl)pyrrolidin-3-ol,

 $N-[(3S)-1-(2-\{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]$ oxy-4-hydroxybenzoyl)pyrrolidin-3-yl]acetamide,

2-{[(2S)-3-(5-Chloro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-methylbenzoic acid hydrochloride,

 $(3S)-1-(2-\{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy]\}-4-methylbenzoyl)pyrrolidin-3-ol,$ 

2-{[(2S)-3-(5-Fluoro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-methylbenzoic acid hydrochloride,

 $(2S)-1-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-3-(2-\{[2-(hydroxymethyl)morpholin-4-yl]carbonyl\}-5-methylphenoxy)propan-2-ol,$ 

Serial No. : To Be Assigned

Filed : Herewith Page : 19 of 41

(3S)-1-(2-{[(2S)-3-(5-Fluoro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-methylbenzoyl)pyrrolidin-3-ol,

2-{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-N-{[(4R)-2,5-dioxoimidazolidin-4-yl]methyl}-4-hydroxybenzamide,

1-(2-{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxybenzoyl)-3-(trifluoromethyl)pyrrolidin-3-ol,

3-{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-{[3-(trifluoromethyl)pyrrolidin-1-yl]carbonyl} phenol,

N-[2-(Acetylamino)ethyl]-2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-

piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxybenzamide,

N-(5-chloro-2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-methoxyphenyl)acetamide,

(3S)-N-(5-chloro-2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}phenyl)-3-hydroxypyrrolidine-1-carboxamide,

 $(3S)-N-(2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]$ oxyphenyl

N-(2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}phenyl)-4-hydroxypiperidine-1-carboxamide,

 $N-(2-\{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-$ 

hydroxypropyl]oxy}phenyl)urea trifluoroacetate,

 $N-(2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-(1-benzofuran-2,4'-piperidin]-1'-yl)-1'-yl$ 

hydroxypropyl]oxy}-4-hydroxyphenyl)urea trifluoroacetate,

N-(2-{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-fluorophenyl)urea trifluoroacetate,

 $N-\{[(2-\{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-(1-benzofuran-2,4'-piperidin]-1'-yl\})-2-(1-benzofuran-2,4'-piperidin]-1'-yl-2-(1-benzofuran-2,4'-piperidi$ 

hydroxypropyl]oxy}-4-hydroxyphenyl)amino]carbonyl}methanesulfonamide trifluoroacetate,

Serial No. : To Be Assigned

Filed : Herewith Page : 20 of 41

(4S)-2-(2-{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxybenzoyl)isoxazolidin-4-ol trifluoroacetate,

(4R)-2- $(2-\{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-(4R)$ 

hydroxypropyl]oxy}-4-hydroxybenzoyl)isoxazolidin-4-ol trifluoroacetate,

(4S)-2-(2-{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxybenzoyl)-4-methylisoxazolidin-4-ol trifluoroacetate,

 $(4R)-2-(2-\{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-(4R)-2-(2-\{[(2S)-3-(5-Chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-(4R)-2-($ 

hydroxypropyl]oxy}-4-hydroxybenzoyl)-4-methylisoxazolidin-4-ol trifluoroacetate,

 $2-\{[(2S)-3-(5-\text{chloro}-1'H,3H-\text{spiro}[1-\text{benzofuran}-2,4'-\text{piperidin}]-1'-yl)-2-\}$ 

hydroxypropyl]oxy}-N-(methylsulfonyl)benzamide trifluoroacetate,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-N-1H-tetrazol-5-ylbenzamide bis(trifluoroacetate),

3-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy $\}$ -4- $\{[(3R)$ -3-(dimethylamino)pyrrolidin-1-yl]carbonyl $\}$ phenol bis(trifluoroacetate),

 $3-\{[(2S)-3-(5-\text{chloro}-1'H,3H-\text{spiro}[1-\text{benzofuran}-2,4'-\text{piperidin}]-1'-yl)-2-\text{hydroxypropyl}]$ oxy $\}-4-\{[(3S)-3-(\text{dimethylamino})\text{pyrrolidin}-1-yl]\text{carbonyl}\}$ phenol bis(trifluoroacetate),

(3S)-1-(5-chloro-2- $\{[(2S)$ -3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxybenzoyl)pyrrolidin-3-ol trifluoroacetate,

 $3-\{[(2S)-3-(5-\text{chloro}-1'H,3H-\text{spiro}[1-\text{benzofuran}-2,4'-\text{piperidin}]-1'-yl)-2-(yl)-2-$ 

hydroxypropyl]oxy}-4-{[(3S)-3-methoxypyrrolidin-1-yl]carbonyl}phenol trifluoroacetate,

3-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

 $hydroxypropyl] oxy \} -4 - \{ [(2R)-2-(hydroxymethyl)pyrrolidin-1-yl] carbonyl \} phenol trifluoroacetate,$ 

Serial No.: To Be Assigned : Herewith

Page : 21 of 41

3-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2hydroxypropyl]oxy}-4-{[(2S)-2-(hydroxymethyl)pyrrolidin-1-yl]carbonyl}phenol trifluoroacetate,

 $3-\{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-vl)-2-instantial (2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-vl)-2-instantial (2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,5'-piperidin]-1'-vl)-2-instantial (2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,5'-piperidin]-1'-vl)-2-instantial (2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,5'-piperidin]-1'-vl)$ 

hydroxypropyl]oxy}-4-{[3-(hydroxymethyl)pyrrolidin-1-yl]carbonyl}phenol trifluoroacetate,

 $1-(2-\{[(2S)-3-(5-chloro-1)H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-$ 

hydroxypropylloxy}-4-hydroxybenzoyl)-D-prolinamide trifluoroacetate,

N-(4-hydroxy-2-{[(2S)-2-hydroxy-3-(1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'yl)propylloxy}phenyl)acetamide trifluoroacetate,

 $N-(4-hydroxy-2-\{[(2S)-2-hydroxy-3-(5-methyl-1'H,3H-spiro[1-benzofuran-2,4'-methyl-1'H,3H-spiro[1-benzofura$ piperidin]-1'-yl)propylloxy}phenyl)acetamide trifluoroacetate,

N-(5-chloro-2-{[(2S)-2-hydroxy-3-(1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'yl)propylloxy}-4-methoxyphenyl)acetamide trifluoroacetate,

N-(5-chloro-4-hydroxy-2-{[(2S)-2-hydroxy-3-(1'H,3H-spiro[1-benzofuran-2,4'piperidin]-1'-yl)propyl]oxy}phenyl)acetamide trifluoroacetate,

(3S)-N-(2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-methoxyphenyl)-3-hydroxypyrrolidine-1-carboxamide trifluoroacetate,

(3S)-N-(2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropylloxy}-4-hydroxyphenyl)-3-hydroxypyrrolidine-1-carboxamide trifluoroacetate,

(3S)-1-(4-hydroxy-2-{[(2S)-2-hydroxy-3-(1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'yl)propyl]oxy}benzoyl)pyrrolidin-3-ol trifluoroacetate,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropylloxy}-5-methylbenzoic acid hydrochloride,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2hydroxypropyl]oxy}-4-methoxybenzoic acid hydrochloride,

Serial No.: To Be Assigned Filed: Herewith Page: 22 of 41

(3S)-1-(2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-5-methylbenzoyl)pyrrolidin-3-ol trifluoroacetate,

(3S)-1-(2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-methoxybenzoyl)pyrrolidin-3-ol trifluoroacetate,

5-chloro-2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}benzoic acid hydrochloride,

(3S)-1-(5-chloro-2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}benzoyl)pyrrolidin-3-ol trifluoroacetate,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-5-fluorobenzoic acid hydrochloride,

(3S)-1-(2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-5-fluorobenzoyl)pyrrolidin-3-ol trifluoroacetate,

 $N-(2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-$ 

hydroxypropyl]oxy}phenyl)pyrrolidine-1-carboxamide trifluoroacetate,

Methyl 4-(acetylamino)-3-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}benzoate trifluoroacetate,

4-(acetylamino)-3-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}benzoic acid trifluoroacetate,

N-(2-{[(2S)-3-(5-chloro-3'-fluoro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxyphenyl)acetamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-(2-hydroxypropyl)benzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-(2-hydroxy-1,1-dimethylethyl)benzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-N-cyclopentyl-4-hydroxybenzamide,

Serial No. : To Be Assigned

Filed : Herewith Page : 23 of 41

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-(2-methoxyethyl)benzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-(2-hydroxyphenyl)benzamide,

N-(tert-butyl)-2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxybenzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-(2-hydroxy-1-methylethyl)benzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-isobutylbenzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-(4-hydroxycyclohexyl)benzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropylloxy}-N-(2,3-dihydroxypropyl)-4-hydroxybenzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

 $hydroxypropyl] oxy\}-4-hydroxy-N-(2-hydroxyethyl)-N-methylbenzamide,\\$ 

Methyl N-(2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxybenzoyl)serinate,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-N-(1-ethylpropyl)-4-hydroxybenzamide,

 $2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-henzofuran-2,4'-piperidin]-1'-yl\}-2-henzofuran-2,4'-piperidin]-1'-yl\}-2-henzofuran-2,4'-piperidin]-1'-yl]-1'-yl]$ 

hydroxypropyl]oxy}-4-hydroxy-N-(tetrahydrofuran-2-ylmethyl)benzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-[1-(hydroxymethyl)-2,2-dimethylpropyl]benzamide,

Applicant: Hossain et al. Serial No.: To Be Assigned

Filed: Herewith Page: 24 of 41

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-N-{[(1S,2R,5S)-6,6-dimethylbicyclo[3.1.1]hept-2-yl]methyl}-4-hydroxybenzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-[1-(hydroxymethyl)-2-methylpropyl]benzamide,

3-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-{[4-(2-hydroxyethyl)piperazin-1-yl]carbonyl}phenol,

 $3-\{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-henzofuran-2,4'-piperidin]-1'-yl-2-henzofuran-2$ 

hydroxypropyl]oxy}-4-{[3-(hydroxymethyl)piperidin-1-yl]carbonyl}phenol,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-N-[5-(1,1-dimethylpropyl)-2-hydroxyphenyl]-4-hydroxybenzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-[3-(1-hydroxyethyl)phenyl]benzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-N-(cyclopropylmethyl)-4-hydroxybenzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

 $hydroxypropyl] oxy \} - 4 - hydroxy - N - pyrrolidin - 1 - ylbenzamide, \\$ 

N-[(1R,4S)-bicyclo[2.2.1]hept-2-yl]-2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxybenzamide,

4-(4-chlorophenyl)-1-(2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxybenzoyl)piperidin-4-ol,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-(2-hydroxy-1-phenylethyl)benzamide,

1-(2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

 $hydroxypropyl] oxy \} - 4 - hydroxybenzoyl) - 4 - phenylpiperidin - 4 - ol,\\$ 

Serial No.: To Be Assigned

Filed : Herewith Page : 25 of 41

3-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-(3,4-dihydroisoquinolin-2(1H)-ylcarbonyl)phenol,

3-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-{[2-(hydroxymethyl)piperidin-1-yl]carbonyl}phenol,

1-(2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxybenzoyl)-N,N-dimethylprolinamide,

Methyl (4R)-1-(2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxybenzoyl)-4-hydroxyprolinate,

(3R)-1-(2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxybenzoyl)piperidin-3-ol,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-(2-hydroxycyclohexyl)benzamide,

3-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-[(4-phenylpiperidin-1-yl)carbonyl]phenol,

 $3-\{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-henzofuran-2,4'-piperidin]-1'-yl\}$ 

hydroxypropyl]oxy}-4-(thiomorpholin-4-ylcarbonyl)phenol,

 $1-(2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-(2-4)\}$ 

hydroxypropyl]oxy}-4-hydroxybenzoyl)piperidin-3-ol,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-N-(cyclopropylmethyl)-4-hydroxy-N-propylbenzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N,N-diisobutylbenzamide,

3-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-(1,3-dihydro-2H-isoindol-2-ylcarbonyl)phenol,

*N*-(2-tert-butoxyethyl)-2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxy-N-isobutylbenzamide.

Serial No. : To Be Assigned

Filed : Herewith Page : 26 of 41

3-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-[(4-fluoropiperidin-1-yl)carbonyl]phenol,

3-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-[(4,4-difluoropiperidin-1-yl)carbonyl]phenol,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-N-phenylbenzamide,

 $3-\{[(2S)-3-(5-\text{chloro}-1'H,3H-\text{spiro}[2-\text{benzofuran}-1,4'-\text{piperidin}]-1'-yl)-2-$ 

 $hydroxypropyl] oxy \} -4 - (\{(2R)-2-[hydroxy(diphenyl)methyl]pyrrolidin-1-yl\} carbonyl) phenol,$ 

 $2-\{[(2S)-3-(5-\text{chloro}-1'H,3H-\text{spiro}[2-\text{benzofuran}-1,4'-\text{piperidin}]-1'-yl)-2-\}$ 

hydroxypropyl]oxy}-4-hydroxy-N-(2-hydroxyethyl)-N-methylbenzamide,

 $3-\{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-$ 

hydroxypropyl]oxy}-4-(pyrrolidin-1-ylcarbonyl)phenol,

3-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-{[4-(2-hydroxyethyl)piperazin-1-yl]carbonyl}phenol,

 $3-\{[(2S)-3-(5-\text{chloro-1'}H,3H-\text{spiro}[2-\text{benzofuran-1},4'-\text{piperidin}]-1'-yl)-2-H,3H-\text{spiro}[2-\text{benzofuran-1},4'-\text{piperidin}]-1'-yl\}$ 

 $hydroxypropyl] oxy\}-4-\{[3-(hydroxymethyl)piperidin-1-yl]carbonyl\}phenol,\\$ 

 $4-(4-\text{chlorophenyl})-1-(2-\{[(2S)-3-(5-\text{chloro}-1'H,3H-\text{spiro}[2-\text{benzofuran}-1,4'-\text{piperidin}]-1'-$ 

 $yl) - 2 - hydroxypropyl] oxy \} - 4 - hydroxybenzoyl) piperidin - 4 - ol,\\$ 

 $3-\{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-1'-yl)-1'-yl)$ 

 $hydroxypropyl] oxy\} - 4 - \{[4 - (hydroxymethyl)piperidin-1 - yl]carbonyl\} phenol,$ 

1-(2-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxybenzoyl)-4-phenylpiperidin-4-ol,

3-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-(3,4-dihydroisoquinolin-2(1H)-ylcarbonyl)phenol,

3-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-{[2-(hydroxymethyl)piperidin-1-yl]carbonyl}phenol,

Serial No. : To Be Assigned

Filed : Herewith Page : 27 of 41

3-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-{[3-(dimethylamino)pyrrolidin-1-yl]carbonyl}phenol,

1-(2-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxybenzoyl)-N,N-dimethylprolinamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-N-cyclohexyl-4-hydroxy-N-(2-hydroxyethyl)benzamide,

Methyl (4R)-1- $(2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-$ 

hydroxypropyl]oxy}-4-hydroxybenzoyl)-4-hydroxyprolinate,

 $(3R)-1-(2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-$ 

hydroxypropyl]oxy}-4-hydroxybenzoyl)piperidin-3-ol,

3-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-[(4-phenylpiperidin-1-yl)carbonyl]phenol,

 $3-\{[(2S)-3-(5-\text{chloro}-1'H,3H-\text{spiro}[2-\text{benzofuran}-1,4'-\text{piperidin}]-1'-yl)-2-$ 

hydroxypropyl]oxy}-4-(thiomorpholin-4-ylcarbonyl)phenol,

1-(2-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxybenzoyl)piperidin-3-ol,

 $2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-$ 

hydroxypropyl]oxy}-N-(cyclopropylmethyl)-4-hydroxy-N-propylbenzamide,

 $2-\{[(2S)-3-(5-\text{chloro}-1'H,3H-\text{spiro}[2-\text{benzofuran}-1,4'-\text{piperidin}]-1'-yl)-2-$ 

hydroxypropyl]oxy}-4-hydroxy-N,N-diisobutylbenzamide,

 $3-\{[(2S)-3-(5-\text{chloro}-1'H,3H-\text{spiro}[2-\text{benzofuran}-1,4'-\text{piperidin}]-1'-yl)-2-$ 

hydroxypropyl]oxy}-4-(1,3-dihydro-2*H*-isoindol-2-ylcarbonyl)phenol,

N-(2-tert-butoxyethyl)-2-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-

1'-yl)-2-hydroxypropyl]oxy}-4-hydroxy-N-isobutylbenzamide,

hydroxypropyl]oxy}-4-[(4-fluoropiperidin-1-yl)carbonyl]phenol,

Serial No. : To Be Assigned

Filed : Herewith Page : 28 of 41

 $3-\{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-$ 

hydroxypropyl]oxy}-4-[(4,4-difluoropiperidin-1-yl)carbonyl]phenol,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-(2-hydroxypropyl)benzamide,

 $2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-$ 

hydroxypropyl]oxy}-4-hydroxy-N-(2-hydroxy-1,1-dimethylethyl)benzamide,

 $2-\{[(2S)-3-(5-\text{chloro}-1'H,3H-\text{spiro}[2-\text{benzofuran}-1,4'-\text{piperidin}]-1'-yl)-2-H(2S)-3-(5-\text{chloro}-1'H,3H-\text{spiro}[2-\text{benzofuran}-1,4'-\text{piperidin}]-1'-yl)-2-H(2S)-3-(5-\text{chloro}-1'H,3H-\text{spiro}[2-\text{benzofuran}-1,4'-\text{piperidin}]-1'-yl)-2-H(2S)-3-(5-\text{chloro}-1'H,3H-\text{spiro}[2-\text{benzofuran}-1,4'-\text{piperidin}]-1'-yl)-2-H(2S)-H$ 

hydroxypropyl]oxy}-N-cyclopentyl-4-hydroxybenzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-(2-methoxyethyl)benzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-(2-hydroxyphenyl)benzamide,

 $2-\{[(2S)-3-(5-\text{chloro}-1'H,3H-\text{spiro}[2-\text{benzofuran}-1,4'-\text{piperidin}]-1'-yl)-2-H(2S)-3-(5-\text{chloro}-1'H,3H-\text{spiro}[2-\text{benzofuran}-1,4'-\text{piperidin}]-1'-yl)-2-H(2S)-3-(5-\text{chloro}-1'H,3H-\text{spiro}[2-\text{benzofuran}-1,4'-\text{piperidin}]-1'-yl)-2-H(2S)-3-(5-\text{chloro}-1'H,3H-\text{spiro}[2-\text{benzofuran}-1,4'-\text{piperidin}]-1'-yl)-2-H(2S)-H$ 

hydroxypropyl]oxy}-4-hydroxy-N-(2-hydroxy-1-methylethyl)benzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-isobutylbenzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-(2-hydroxyethyl)benzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-(4-hydroxycyclohexyl)benzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-N-(2,3-dihydroxypropyl)-4-hydroxybenzamide,

Methyl N-(2-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxybenzoyl)serinate,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-N-(1-ethylpropyl)-4-hydroxybenzamide,

Serial No.: To Be Assigned

Filed: Herewith Page: 29 of 41

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-(tetrahydrofuran-2-ylmethyl)benzamide,

 $2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-$ 

hydroxypropyl]oxy}-4-hydroxy-N-[1-(hydroxymethyl)-2,2-dimethylpropyl]benzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-[1-(hydroxymethyl)-2-methylpropyl]benzamide,

 $2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-$ 

hydroxypropyl]oxy}-4-hydroxy-N-[3-(1-hydroxyethyl)phenyl]benzamide,

 $2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-$ 

hydroxypropyl]oxy}-N-(cyclopropylmethyl)-4-hydroxybenzamide,

2-{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy}-4-hydroxy-N-pyrrolidin-1-ylbenzamide,

 $N-[(1R,4S)-bicyclo[2.2.1]hept-2-yl]-2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1])-2-(1R,4S)-bicyclo[2.2.1]hept-2-yl]-2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1])-2-(1R,4S)-bicyclo[2.2.1]hept-2-yl]-2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1])-2-(1R,4S)-bicyclo[2.2.1]hept-2-yl]-2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1])-2-(1R,4S)-bicyclo[2.2.1]hept-2-yl]-2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1])-2-(1R,4S)-bicyclo[2.2.1]hept-2-yl]-2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1])-2-(1R,4S)-bicyclo[2.2.1]hept-2-yl]-2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1])-2-(1R,4S)-bicyclo[2.2.1]hept-2-yl]-2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1])-2-(1R,4S)-bicyclo[2.2.1]hept-2-yl]-2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1])-2-(1R,4S)-bicyclo[2.2.1]hept-2-yl]-2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1])-2-(1R,4S)-bicyclo[2.2.1]hept-2-yl]-2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[2-benzofuran-1])-2-(1R,4S)-bicyclo[2-benzofuran-1])-2-(1R,4S)-bi$ 

1,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxybenzamide,

 $2-\{[(2S)-3-(5-\text{chloro-1'}H,3H-\text{spiro}[2-\text{benzofuran-1,4'-piperidin}]-1'-yl)-2-H,3H-\text{spiro}[2-\text{benzofuran-1,4'-piperidin}]-1'-yl\}$ 

 $hydroxypropyl] oxy \} - 4 - hydroxy - N - (2 - hydroxy - 1 - phenylethyl) benzamide,$ 

 $hydroxypropyl] oxy\}-4-hydroxy-{\it N-}(2-hydroxycyclohexyl) benzamide,$ 

 $1-(2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-(2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-(3-yl)-3-(3-yl)$ 

hydroxypropyl]oxy}-4-hydroxybenzoyl)pyrrolidine-3-carboxamide trifluoroacetate,

 $1-(2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-(2-\{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-(3-yl)-3-(3-yl)$ 

hydroxypropyl]oxy}-4-hydroxybenzoyl)-L-prolinamide trifluoroacetate,

2-chloro-5-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-

hydroxypropyl]oxy $}$ -4- $\{[(3R)$ -3-(dimethylamino)pyrrolidin-1-yl]carbonyl $\}$ phenol bis(trifluoroacetate),

Applicant: Hossain et al.
Serial No.: To Be Assigned
Filed: Herewith
Page: 30 of 41

2-chloro-5- $\{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy\}-4-<math>\{[(3R)-3-(hydroxymethyl)pyrrolidin-1-yl]carbonyl\}$ phenol trifluoroacetate,

2-chloro-5- $\{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy\}-4-<math>\{[(3S)-3-(hydroxymethyl)pyrrolidin-1-yl]carbonyl\}$ phenol trifluoroacetate,

2-chloro-5-{[(2S)-3-(5-fluoro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-(pyrrolidin-1-ylcarbonyl)phenol trifluoroacetate,

N-(2-{[(2R)-3-(5-Fluoro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-methoxyphenyl)acetamide,

Methyl 2-{[(2S)-3-(5-fluoro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}benzoate,

2-{[(2S)-3-(5-Fluoro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy} benzoic acid (hydrochloride),

(3S)-1-(2-{[(2S)-3-(5-Fluoro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}benzoyl)pyrrolidin-3-ol,

3-{[(2S)-3-(5-Fluoro-1'*H*,3*H*-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-(pyrrolidin-1-ylcarbonyl)phenol,

N-(4-fluoro-2-{[(2S)-3-(5-fluoro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}phenyl)acetamide,

N-{5-chloro-2-[3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropoxy]-4-hydroxyphenyl}cyclopentanecarboxamide,

N-{5-chloro-2-[3-(5-fluoro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropoxy]-4-hydroxyphenyl}cyclopentanecarboxamide,

N-{5-chloro-4-hydroxy-2-[2-hydroxy-3-(1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)propoxy]phenyl}cyclopentanecarboxamide,

Serial No. : To Be Assigned

Filed: Herewith Page: 31 of 41

N-(5-Chloro-2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxyphenyl)benzamide trifluoroacetate,

N-(5-Chloro-2-{[(2S)-3-(5-fluoro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxyphenyl)benzamide trifluoroacetate,

N-(5-Chloro-2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxyphenyl)urea trifluoroacetate,

N-(5-Chloro-2-{[(2S)-3-(5-fluoro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}-4-hydroxyphenyl)urea trifluoroacetate,

N-(5-chloro-2-{[(2S)-3-(5-fluoro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}phenyl)urea,

N-(5-chloro-2-{[(2S)-3-(5-chloro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}phenyl)urea,

N-(2-{[(2S)-3-(5-fluoro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}phenyl)urea,

N-(2-{[(2S)-2-hydroxy-3-(1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)propyl]oxy}phenyl)urea,

N-(4-fluoro-2-{[(2S)-3-(5-fluoro-1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)-2-hydroxypropyl]oxy}phenyl)urea,

N-(4-fluoro-2-{[(2S)-2-hydroxy-3-(1'H,3H-spiro[1-benzofuran-2,4'-piperidin]-1'-yl)propyl]oxy}phenyl)urea,

and pharmaceutically acceptable salts and solvates of any one thereof.

- 10. (Original) A process for the preparation of a compound of formula (I) or a pharmaceutically acceptable salt or solvate thereof as defined in claim 1 which comprises,
- (a) reacting a compound of formula

Applicant: Hossain et al. Serial No.: To Be Assigned

Filed: Herewith Page: 32 of 41

$$X-Y$$
 $(CH_2)_q$ 
 $NH$ 
 $(R^1)_m$ 
 $(R^2)_n$ 
 $(II)$ 

wherein m, R<sup>1</sup>, n, R<sup>2</sup>, q, X, Y and Z are as defined in formula (I) in claim 1, with a compound of formula

$$\begin{array}{c|c}
 & R^8 & R^3 \\
 & R^4 & R^6 & R^7 & (R^9)_t
\end{array}$$
(III)

wherein R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup>, t and R<sup>9</sup> are as defined in formula (1) in claim 1; or

## (b) reacting a compound of formula

$$\begin{array}{c|c} X-Y & (CH_2)_q \\ \hline & X-Y & (CH_2)_q \\ \hline & & & & & \\ & & & \\ & & & & \\ & & &$$

wherein m, R<sup>1</sup>, n, R<sup>2</sup>, q, X, Y, Z, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup> and R<sup>8</sup> are as defined in formula (I) in claim 1, with a compound of formula

Applicant: Hossain et al. Serial No.: To Be Assigned

Filed: Herewith Page: 33 of 41

HO 
$$(R^9)_t$$
  $(V)$ 

wherein  $R^3$ , t and  $R^9$  are as defined in formula (I) in claim 1, in the presence of a suitable base; or

(c) when R<sup>3</sup> represents -NHC(O)R<sup>10</sup>, reacting a compound of formula

$$(R^{1})_{m} \xrightarrow{X-Y} (CH_{2})_{q} \xrightarrow{R^{4}} R^{6} \xrightarrow{R^{6}} (R^{9})_{t}$$

$$(R^{2})_{n} (VI)$$

wherein m,  $R^1$ , n,  $R^2$ , q, X, Y, Z,  $R^4$ ,  $R^5$ ,  $R^6$ ,  $R^7$ ,  $R^8$ , t and  $R^9$  are as defined in formula (I) in claim 1, with a compound of formula

$$L^1 \longrightarrow R^{10}$$

wherein  $L^1$  represents a leaving group and  $R^{10}$  is as defined in formula (I) in claim 1; or (d) when  $R^3$  represents -C(O)NR<sup>11</sup>R<sup>12</sup>, reacting a compound of formula

Applicant: Hossain et al.
Serial No.: To Be Assigned
Filed: Herewith

Filed: Herewith Page: 34 of 41

$$(R^{1})_{m}$$

$$X-Y$$

$$(CH_{2})_{q}$$

$$(R^{2})_{n}$$

$$(R^{2})_{n}$$

$$(R^{2})_{n}$$

$$(VIII)$$

wherein  $L^2$  represents a leaving group and m,  $R^1$ , n,  $R^2$ , q, X, Y, Z,  $R^4$ ,  $R^5$ ,  $R^6$ ,  $R^7$ ,  $R^8$ , t and  $R^9$  are as defined in formula (I), with a compound of formula (IX), NHR  $^{11}$ R  $^{12}$ , wherein  $R^{11}$  and  $R^{12}$  are as defined in formula (I); or

(e) when R<sup>3</sup> represents -NHC(O)R<sup>10</sup>, R<sup>10</sup> represents -NR<sup>14</sup>R<sup>15</sup> and R<sup>14</sup> and R<sup>15</sup> both represent hydrogen, reacting a compound of formula (VI) as defined in (c) above with potassium cyanate;

and optionally after (a), (b), (c), (d) or (e) forming a pharmaceutically acceptable salt or solvate.

### 11. (Original) An intermediate compound of formula

$$\begin{array}{c|c}
CH_2)_q \\
NH \\
(R^{2a})_w$$
(IIA)

wherein  $R^{1a}$  is selected from fluorine, chlorine, methyl and trifluoromethyl; s is 1 or 2; q is 0 or 1; w is 0 or 1; and  $R^{2a}$  is fluorine.

12. (Original) A process for preparing a compound of formula (IIA) according to claim 11 in which s is 1, which comprises reacting a compound of formula

Applicant: Hossain et al. Serial No.: To Be Assigned

Filed : Herewith Page : 35 of 41

$$R^{1a}$$
 $L^{2}$ 
 $(XX)$ 

wherein L<sup>1</sup> represents a suitable leaving group or an alkoxy group, L<sup>2</sup> represents a suitable leaving group and R<sup>1a</sup> is as defined in formula (IIA), with a compound of formula

$$\begin{array}{c}
O \\
(CH_2)_q \\
N - R^{20}
\end{array}$$

$$(R^{2a})_w \qquad (XXII)$$

wherein R<sup>20</sup> represents a protecting group and q, w and R<sup>2a</sup> are as defined in formula (IIA) to form a compound of formula

$$R^{1a}$$
 $(R^{2a})_w$ 
 $(XXIV)$ 

followed by a cyclisation reaction and then removal of the protecting group  $R^{20}$ .

- 13. (Currently amended) A pharmaceutical composition comprising a compound of formula (I) or a pharmaceutically acceptable salt or solvate thereof as claimed in any one of claims 1 to 9 claim 1 in association with a pharmaceutically acceptable adjuvant, diluent or carrier.
- 14. (Currently amended) A process for the preparation of a pharmaceutical composition as elaimed in claim 13 comprising a compound of formula (I) or a pharmaceutically acceptable salt or solvate thereof in association with a pharmaceutically acceptable adjuvant, diluent or carrier which comprises mixing a compound of formula (I)

Applicant: Hossain et al.
Serial No.: To Be Assigned
Filed: Herewith

Filed: Herewith Page: 36 of 41

$$(R^{1})_{m}$$

$$(R^{2})_{n}$$

$$(R^{2})_{n}$$

$$(R^{2})_{n}$$

$$(R^{3})_{n}$$

$$(R^{4})_{R}$$

$$(R^{6})_{R}$$

$$(R^{9})_{t}$$

$$(R^{9})_{t}$$

$$(R^{9})_{t}$$

$$(R^{1})_{m}$$

$$(R^{2})_{n}$$

wherein
m is 0, 1, 2, 3 or 4;
each R <sup>1</sup> independently represents halogen, cyano, hydroxyl, C <sub>1</sub> -C <sub>6</sub> alkyl,
C <sub>1</sub> -C <sub>6</sub> haloalkyl, C <sub>1</sub> -C <sub>6</sub> alkoxy or sulphonamido;
either X represents a bond, -CH <sub>2</sub> -, -O- or -C(O)- and Y represents a bond, -CH <sub>2</sub> -, -O-
or -C(O)-, or X and Y together represent a group -CH=C(CH <sub>3</sub> )- or -C(CH <sub>3</sub> )=CH-, and Z
represents a bond, -O-, -NH- or -CH <sub>2</sub> -, provided that only one of X, Y and Z can represent a
bond at any one time and provided that X and Y do not both simultaneously represent -O- or
<u>-C(O)-;</u>
$ \begin{array}{l} \underline{ \text{n is 0, 1 or 2;}} \\ \underline{ \text{each R}^2 \text{ independently represents halogen or C}_1\text{-C}_6 \text{ alkyl;}} \\ \underline{ \text{q is 0 or 1;}} \\ \underline{  \text{R}^3 \text{ represents -NHC(O)R}^{10}, \text{ -C(O)NR}^{11}\text{R}^{12} \text{ or -COOR}^{12a};} \\ \underline{   \text{R}^4, \text{R}^5, \text{R}^6, \text{R}^7 \text{ and R}^8 \text{ each independently represent a hydrogen atom or a C}_1\text{-C}_6 \text{ alkyl}} \\ \end{array} $
group;
t is 0, 1 or 2;  each R <sup>9</sup> independently represents halogen, cyano, hydroxyl, carboxyl, C <sub>1</sub> -C <sub>6</sub> alkoxy,
$\underline{C_1}$ - $\underline{C_6}$ alkoxycarbonyl, $\underline{C_1}$ - $\underline{C_6}$ haloalkyl, or $\underline{C_1}$ - $\underline{C_6}$ alkyl optionally substituted by at least one
substituent selected from carboxyl and C <sub>1</sub> -C <sub>6</sub> alkoxycarbonyl;

Serial No.: To Be Assigned Filed: Herewith

Filed : Herewith Page : 37 of 41

R<sup>10</sup> represents a group C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>2</sub>-C<sub>6</sub> alkenyl, C<sub>3</sub>-C<sub>6</sub> cycloalkyl, adamantyl, C<sub>5</sub>-C<sub>6</sub> cycloalkenyl, phenyl or a saturated or unsaturated 5- to 10-membered heterocyclic ring system comprising at least one ring heteroatom selected from nitrogen, oxygen and sulphur, each of which may be optionally substituted by one or more substituents independently selected from nitro, hydroxyl, oxo, halogen, carboxyl, C1-C6 alkyl, C1-C6 alkoxy, C1-C6 alkylthio, C<sub>1</sub>-C<sub>6</sub> alkylcarbonyl, C<sub>1</sub>-C<sub>6</sub> alkoxycarbonyl, phenyl and -NHC(O)-R<sup>13</sup>, or R<sup>10</sup> represents a group -NR<sup>14</sup>R<sup>15</sup> or -O-R<sup>16</sup>; R<sup>11</sup> and R<sup>12</sup> each independently represent (i) a hydrogen atom, (ii) a 3- to 6-membered saturated or unsaturated ring optionally comprising at least one ring heteroatom selected from nitrogen, oxygen and sulphur and optionally further comprising a bridging group, the ring being optionally substituted with at least one substituent selected from halogen, hydroxyl, C1-C6 alkyl, C<sub>1</sub>-C<sub>6</sub> hydroxyalkyl and C<sub>1</sub>-C<sub>6</sub> haloalkyl, (iii) a C<sub>1</sub>-C<sub>6</sub> alkyl group optionally substituted by at least one substituent selected from halogen, amino, hydroxyl, C<sub>1</sub>-C<sub>6</sub> haloalkyl, carboxyl, C<sub>1</sub>-C<sub>6</sub> alkoxy, C<sub>1</sub>-C<sub>6</sub> alkoxycarbonyl, C<sub>1</sub>-C<sub>6</sub> alkylcarbonylamino and a 3- to 6-membered saturated or unsaturated ring optionally comprising at least one ring heteroatom selected from nitrogen, oxygen and sulphur and optionally further comprising a bridging group, the ring being optionally substituted with at least one substituent selected from halogen, hydroxyl, oxo (=O), C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> hydroxyalkyl and C<sub>1</sub>-C<sub>6</sub> haloalkyl, or (iv) C<sub>1</sub>-C<sub>6</sub> alkylsulphonyl, or R<sup>11</sup> and R<sup>12</sup> together with the nitrogen atom to which they are attached form a 4- to 7-membered saturated heterocyclic ring that optionally further comprises a ring nitrogen, oxygen or sulphur atom and that is optionally fused to a benzene ring to form a 8- to 11-membered ring system, the heterocyclic ring or ring system being optionally substituted with at least one substituent selected from halogen, hydroxyl, amido, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> hydroxyalkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy, C<sub>1</sub>-C<sub>6</sub> alkoxycarbonyl, C<sub>1</sub>-C<sub>6</sub> haloalkyl, C<sub>1</sub>-C<sub>6</sub> alkylamino, di-C<sub>1</sub>-C<sub>6</sub> alkylamino,

C<sub>1</sub>-C<sub>6</sub> alkylcarbonyl, C<sub>1</sub>-C<sub>6</sub> alkylcarbonylamino, C<sub>1</sub>-C<sub>6</sub> alkylaminocarbonyl, di-

Serial No.: To Be Assigned

Filed : Herewith Page : 38 of 41

 $\underline{C_1}$ - $\underline{C_6}$  alkylaminocarbonyl, phenyl, halophenyl, phenylcarbonyl, phenylcarbonyloxy and hydroxydiphenylmethyl;

- R<sup>12a</sup> represents a hydrogen atom or a C<sub>1</sub>-C<sub>6</sub> alkyl group;
- R<sup>13</sup> represents a C<sub>1</sub>-C<sub>6</sub> alkyl, amino or phenyl group;
- $R^{14}$  and  $R^{15}$  each independently represent a hydrogen atom, or a group  $C_1$ - $C_6$  alkyl,  $C_1$ - $C_6$  alkylsulphonyl, phenyl or a saturated or unsaturated 5- to 10-membered heterocyclic ring system comprising at least one ring heteroatom selected from nitrogen, oxygen and sulphur, each group being optionally substituted as defined above for  $R^{10}$ , or

R<sup>14</sup> and R<sup>15</sup> together with the nitrogen atom to which they are attached form a 4- to 7-membered saturated heterocyclic ring that optionally further comprises a ring nitrogen, oxygen or sulphur atom, the heterocyclic ring being optionally substituted by at least one hydroxyl; and R<sup>16</sup> represents a hydrogen atom, or a group C<sub>1</sub>-C<sub>6</sub> alkyl, phenyl or a saturated or unsaturated 5- to 10-membered heterocyclic ring system comprising at least one ring heteroatom selected from nitrogen, oxygen and sulphur, each group being optionally substituted as defined above for R<sup>10</sup>;

or a pharmaceutically acceptable salt or solvate thereof as claimed in any one of claims 1 to 9 with a pharmaceutically acceptable adjuvant, diluent or carrier.

## 15. (Cancelled)

16. (Currently amended) A method of treatment, the method comprising treating a disease or condition in which modulation of chemokine receptor activity is beneficial by administering to a patient Use of a compound of claim 1 formula (I) or a pharmaceutically acceptable salt or solvate thereof as claimed in any one of claims 1 to 9 in the manufacture of a medicament for the treatment of human diseases or conditions in which modulation of chemokine receptor activity is beneficial.

Serial No.: To Be Assigned Filed: Herewith

Filed : Page :

: 39 of 41

17. (Currently amended) A method of treatment, the method comprising treating rheumatoid arthritis by administering to a patient Use of a compound of claim 1 formula (I) or a pharmaceutically acceptable salt or solvate thereof as claimed in-any one of claims 1 to 9 in the manufacture of a medicament for use in treating rheumatoid arthritis.

- 18. (Currently amended) A method of treatment, the method comprising treating chronic obstructive pulmonary disease by administering to a patient Use of a compound of claim 1 formula (I) or a pharmaceutically acceptable salt or solvate thereof as claimed in any one of claims 1 to 9 in the manufacture of a medicament for use in treating chronic obstructive pulmonary disease.
- 19. (Currently amended) A method of treatment, the method comprising treating asthma by administering to a patient Use of a compound of claim 1 formula (I) or a pharmaceutically acceptable salt or solvate thereof as claimed in any one of claims 1 to 9 in the manufacture of a medicament for use in treating asthma.
- 20. (Currently amended) ) A method of treatment, the method comprising treating multiple sclerosis by administering to a patient Use of a compound of claim 1 formula (I) or a pharmaceutically acceptable salt or solvate thereof as claimed in any one of claims 1 to 9 in the manufacture of a medicament for use in treating multiple sclerosis.
- 21. (Currently amended) A method of treating an inflammatory disease which comprises administering to a patient in need thereof a therapeutically effective amount of a compound of claim 1 formula (I) or a pharmaceutically acceptable salt or solvate thereof as claimed in any one of claims 1 to 9.

Serial No.: To Be Assigned

Filed: Herewith Page: 40 of 41

22. (Currently amended) A method of treating an airways disease which comprises administering to a patient in need thereof a therapeutically effective amount of a compound of claim 1 formula (I) or a pharmaceutically acceptable salt or solvate thereof as claimed in-any one of claims 1 to 9.